

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	East Germany	REPORT	
SUBJECT	Estimate of Costs of Ruegen Harbor Projects	DATE DISTR.	31 August 1953
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THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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SECURITY INFORMATION

REPORT

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50X1-HUM

COUNTRY East Germany (DRC)

DATE DISTR. 21 July 53

SUBJECT Estimate of Costs of Ruegen Harbor Project

NO. OF PAGES 17

PLACE
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REPORT NO.

DATE OF IN

THIS IS UNEVALUATED INFORMATION

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1. The estimate of costs for the entire project on Ruegen Island was completed on 28 October 1952. The estimated cost was based on the project indicated in Enclosure (A)

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TOTAL ESTIMATED COST OF SEPARATE PROJECTS

2. The total estimated cost of the separate projects was as follows:

	DM's (East)
Construction Project A (Hiddensee)	13,675,000
Construction Project B (Kap Arkona)	17,062,500
Construction Project C (Stubbenkammer)	21,527,500
Seaplane base Bug	81,481,000
Ferries for Bug	19,300,000
Airport between Trent and Raschwitz	252,106,000
Ordnance and supply depot, 150,000 square meters, in the Gingster Heide, half of which was to be subterranean	808,100,000
Transit warehouses on the Schaale, 40,000 square meters above ground	291,880,000
Ammunition depot east of Lietzow, 50,000 square meters, underground	142,135,000
Quartermaster depot, 40,000 square meters southeast of Sagard, above ground	269,805,000
Navy headquarters, south of quartermaster depot for 600 men	28,535,000

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Fuel depot along the coast of Glowe-Lohme, underground	628,200,000
Outer harbor with moles	232,116,500
Canal, turning basin, ferry	174,500,000
Fishing harbor in the Spycker Lake and barracks for 300 men	81,366,000
General installations for the large shipyard	679,300,000
Small shipyard south of the fishing harbor	118,755,000
Shipbuilding yard	731,725,000
Repair yard south of the yard	1,038,430,000
Docks south of the yard	149,515,000
Commercial harbor with breakwater, and with barracks near Ralswiek for 3,000 men, schools for 2,000 men, and 500 families	794,160,000
Roadstead	280,000,000
Southern canal with moles at the Prorer Wiek	128,000,000
Town of 150,000 inhabitants, and boarding school for cadets	1,288,000,000
Clinics, hospitals, south of the Kleine Bodden	40,000,000
Two bridges between Neuhoef brick works and Prosnitzer Schanze	45,000,000
Construction of a ferry between Stahlbrode and Glewitzer Faehre	27,000,000
General connection, supply, developing	455,000,000
Brick works, sawmills, cement works, etc.	- - - - -
	8,836,674,500
Adjustment for the processing of local material	163,325,500
	9,000,000,000

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BREAKDOWN OF ESTIMATED COST OF SEPARATE PROJECTS

Construction Project A (Hiddensee)

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3. [redacted] the construction project [redacted] was a secret project. For the approach roads and ferries the costs were as follows:

	DM's (East) per item	DM's (East) total	
7,000 square meters of road construction including foundation	125	875,000	
1,400 meters standard gauge railroad including roadbed and superstructures	2,000	2,800,000	
2 ferry piers	5,000,000	10,000,000	50X1-HUM
		13,675,000	

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Construction Project B (Kap Arkona)

4. [redacted] the construction project [redacted] was a secret project. The costs for the approach roads were as follows:

	DM's (East) per item	DM's (East) total	
32,500 square meters of road construction with foundation	125	4,062,500	
6,500 meters standard gauge railroad including roadbed and superstructures	2,000	13,000,000	
		17,062,500	

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Construction Project C (Stubbenkammer)

5. The costs for the construction project itself are not known [] since 50X1-HUM it was a secret project. For the approach roads the costs were:

	DM's (East) per item	DM's (East) total
42,500 square meters of road widening and strengthening	103	4,377,500
8,500 meters standard gauge railroad including roadbed and superstructure	2,000	17,000,000
Extra charges for bridging the steep slope between Baldereck and Koopsdorf	150,000	150,000
		<u>21,527,500</u>

Seaplane Base Bug

6. The complete cost breakdown of this project was as follows:

7,000 square meters of road, widen and reinforce	103	721,000
1,400 meters standard gauge railroad with roadbed and superstructure	2,000	2,800,000
200,000 square meters take-off and landing strip 500 meters diameter for a fighter squadron	80	16,000,000
4,500 square meters of landing way for seaplanes	300	1,350,000
1 small wooden pier for small motor boats	100,000	100,000
1,000 shore embankments to be repaired	800	800,000
For fences, ground lights, ground safety devices, flight control tower, weather station, etc.	5,000,000	5,000,000
For dredging	1,000,000	1,000,000
4 Hangers	2,000,000	8,000,000
1 Workshop and assembly shop	2,500,000	2,500,000
1 Fuel depot with fuel storage installations	10,000,000	10,000,000
Various ammunition bunkers	4,000,000	4,000,000
8,000 Square meters built-up space for military quarters and recreational buildings	200	1,600,000
30 apartments with all facilities for families	35,000	1,050,000
For fitting and equipping hangers as described above	15,000,000	15,000,000
Power supply for the entire area	5,000,000	5,000,000
Furniture for houses and recreational buildings	1,600,000	1,600,000
Drainage and irrigation installations	4,000,000	4,000,000
Preparatory earth work at construction site	500,000	500,000
Camouflaging equipment	200,000	200,000
Fire protection	200,000	200,000
		<u>81,481,000*</u>

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[*The sum total of above costs amounts to 81,421,000 DM's (East).]

Ferry for Bug

7. The complete cost breakdown of this project was as follows:

	DM's (East) Per item	DM's (East) Total
1 Ferry harbor below the monastery	2,000,000	2,000,000
400 meters of mole	25,000	10,000,000
300 meters of wooden bridge	1,000	300,000
2 complete ferries	3,500,000	7,000,000
		<u>19,300,000</u>

Airport

8. The complete cost breakdown for the airport was as follows:

80,000 square meters of airport area	80	64,000,000
50,000 square meters of take-off and landing strips, black surface	300	15,000,000
20,000 square meters	140	2,800,000
90,000 square meters of road construction	103	9,270,000
15,000 meters standard gauge railroad, including superstructures	2,000	30,000,000
3,000 meters concrete roads	120	360,000
6 hangars	2,000,000	12,000,000
2 workshops and assembly shops	2,500,000	5,000,000
Smaller installations for flight control and weather station	1,000,000	1,000,000
Security installation: direction finding, guarding, fencing	4,000,000	4,000,000
Fuel depot, fuel installations, 50 tanks each 100 cubic meters volume	20,000,000	20,000,000
Ammunition bunker	8,000,000	8,000,000
37,500 cubic meters of built-up space to billet 1,500 men	200	7,500,000
20,000 cubic meters of space for recreational installations	250	5,000,000
40 apartments for families	35,000	1,400,000
Equipment and outfitting of hangars as described above	24,000,000	24,000,000
Furnishing the recreational buildings	12,500,000	12,500,000
Power supply for the entire area	10,000,000	10,000,000
Preparation of ground at construction site: clearing, draining, plant hedges, trees	5,000,000	5,000,000
Irrigation, drainage system	6,000,000	6,000,000
Fire protection	4,000,000	4,000,000
Camouflage installations	5,000,000	5,000,000
4 Hangar cranes	60,000	240,000
6 hangar cranes	6,000	36,000
		<u>252,106,000</u>

Grain and Supply Depot

9. The complete cost breakdown of this project was as follows:

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	DM's (East) per item	DM's (East) total
35,000 square meters of road construction	103	3,605,000
4,000 meters of standard gauge railroad including superstructure	2,000	8,000,000
1 transfer station to be constructed	5,000,000	5,000,000
20,000 meters standard gauge track within the depot	625	12,500,000
165,000 square meters of light to medium concrete roads inside the arsenal	103	16,995,000
75,000 square meters of subterranean storage space, single-storied, including the necessary camouflage	1,000	75,000,000
75,000 square meters of above ground storage buildings, two stories high	1,800	135,000,000
16,000,000 square meters of territory to be prepared, drained, and planted with hedges and trees	2	32,000,000
Irrigation, drainage system	90,000,000	90,000,000
30,000 cubic meters of built-up space to quarter 1500 men, plus utilities	200	6,000,000
10,000 cubic meters of built-up space for recreational installations	250	2,500,000
15,000 cubic meters of built-up space for the administration	250	3,750,000
80 apartments for families	35,000	2,800,000
Laboratory with equipment	5,000,000	5,000,000
Transportation and lifting equipment, total	20,000,000	20,000,000
Security installation, fences, signal installations, guarding	10,000,000	10,000,000
Camouflage	5,000,000	5,000,000
Outfitting and equipping the depot	- -	210,000,000
Furnishing quarters and administration offices	- -	9,750,000
Furnishing recreational buildings	- -	2,500,000
Power supply for the entire area	90,000,000	90,000,000
Fire protection	60,000,000	60,000,000
		808,100,000

Transit Depot

10. The complete cost breakdown of this project was as follows:

2 bridges for railroad and road connection at the Wittow ferry	- -	20,000,000
130,000 square meters of road construction, to the depot	125	16,250,000
25,600 meters standard gauge railroad, partly new construction, including superstructures	2,000	51,200,000
50,000 square meters of light and medium roads within the area	103	5,150,000
1,000 meters quay, light construction	6,000	6,000,000
600 meters wooden bridges	1,000	600,000

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	DM's (East) per item	DM's (East) total
For the enlargement of the harbor basin	4,000,000	4,000,000
Cranes and lifting devices	280,000	280,000
4,000,000 square meters of territory to be drained, cleared, planted with hedges and trees	2	8,000,000
40,000 square meters of above ground storage space, two-storied	1,500	60,000,000
40,000 square meters of open air storage; construct foundations	55	2,200,000
10,000 cubic meters of built-up space for quarters for 500 men	200	2,000,000
5,000 cubic meters of built-up space for recreational installations	250	1,250,000
20 apartments for families including utilities	35,000	700,000
Irrigation, drainage system	5,000,000	5,000,000
Security installations, such as: fences, signals, guard facilities	7,500,000	7,500,000
Camouflage	2,000,000	2,000,000
Outfitting and equipment of depots	-	60,000,000
Equipping of open air storages	-	1,500,000
Furnishing of barracks	-	2,000,000
Furnishing of recreational buildings	-	1,250,000
Power supply for entire object	20,000,000	20,000,000
Fire protection	15,000,000	15,000,000
		291,880,000

Depot East of Lietzow (Ammunition Depot)

11. The complete cost breakdown of this project was as follows:

35,000 square meters of road construction, partly heavy, as approach road	115	4,025,000
6,000 meters standard gauge railroad	2,000	12,000,000
20,000 square meters of medium to light concrete roads within depot area	103	2,060,000
50,000 square meters of storage area, underground, single-story	1,000	50,000,000
2,000,000 square meters of construction area to be prepared	2	4,000,000
2,000 cubic meters of built-up space for quarters for 100 men	200	400,000
1,000 cubic meters of built-up space for administration building for 50 men	250	250,000
1,500 cubic meters of space for recreational buildings	250	375,000
Outfitting and equipping of depot (transportation and installation)		50,000,000
Furnishing the administration building for 50 men		250,000
Furnishing the quarters for 100 men and recreational buildings		775,000
Security measures, fences, signals installations, guarding		3,000,000

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	DM's (East) per item	DM's (East) total
Power supply for the entire object		6,000,000
Drainage, irrigation		1,000,000
Fire protection		8,000,000
		<u>142,135,000</u>

Quartermaster Depot Southeast of Sagard

12. The complete cost breakdown of this project was as follows:

35,000 square meters of light to medium roads	103	3,605,000
6,000 meters standard gauge railroad track, partly cut into rocks	2,000	12,000,000
40,000 square meters of storage area above ground, two-storied	1,800	72,000,000
60,000 cubic meters of space for workshops and recreational buildings	250	15,000,000
30,000 cubic meters of space for administration buildings for 600 men	250	7,500,000
10,000 cubic meters of space for 500 men	200	2,000,000
20 apartments for families, including facilities	35,000	700,000
Preparation of the territory for construction		10,000,000
Equipment and furnishing the workshops		15,000,000
Furnishing the administration buildings		7,500,000
Furnishing the quarters		2,000,000
Equipping and outfitting the depots and installations		72,000,000
300,000 cu.m. moving of soil for road and railroad construction	10	3,000,000
Irrigation and drainage		5,000,000
Security measures: fences, signal installations, guard facilities		7,500,000
Fire protection		15,000,000
Power supply for the entire object		<u>20,000,000</u>
		<u>269,805,000</u>

Naval Headquarters, 600 Men

13. The complete cost breakdown of this project was as follows:

15,000 square meters of road construction	165	2,475,000
30,000 square meters of light concrete roads	103	2,060,000
20,000 cubic meters of space for administration buildings	250	5,000,000
10,000 cubic meters of space for recreational buildings	250	2,500,000
Outdoor installations		4,000,000
Furnishing the offices		5,000,000
Furnishing the recreational buildings		2,500,000
Power supply		<u>1,000,000</u>

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	DM's (East) per item	DM's (East) total
Water supply		500,000
Irrigation and drainage		500,000
Security measures, fences, signal installations, guard facilities		2,000,000
Fire protection		1,000,000
		<u>28,535,000</u>

Fuel Depot on the Coast between Glowe and Lohme

14. The complete cost breakdown of this project was as follows:

2,000 meters siding and unloading tracks	2,000	4,000,000
Fuel depot for a maximum of 60,000 tons gasoline and fuel oils		300,000,000
laboratory with equipment		1,500,000
1,000 cubic meters of quarters for 50 men	200	200,000
600 cubic meters of administration building for 30 men	250	150,000
Equipment for the depot: pumping station, pipe lines, tanks, etc.		300,000,000
Furniture for barracks and administration offices		350,000
Security measures, fences, signal installations, guard facilities		4,000,000
Fire protection and power supply		18,000,000
		<u>628,200,000</u>

Outer Harbor and Moles

15. The complete cost breakdown for this harbor and moles was as follows:

1,500 meters Western mole	35,000	52,500,000
1,000 meters Eastern mole	40,000	40,000,000
2,500 meters quay of the outer harbor, west and east	19,000	47,500,000
301,900 cubic meters dredging	23	6,943,700
3,616,000 cubic meters of excavating	8	28,928,000
3,808 cubic meters of ground filling	5.60	21,324,800
500 meters piers and jetties	1,200	600,000
66,000 cubic meters of port buildings, quarters, administration buildings	210	13,860,000
10,000 cubic meters of recreational buildings	250	2,500,000
Cranes and lifting devices	1,000,000	1,000,000
Signal and security installations, sea markings		3,000,000
Equipment and installation of shore establishments, quarters, administration, and recreational buildings		6,760,000
Fire protection		5,000,000
Equipment of the quays		1,000,000
Power supply, water supply and drainage		1,200,000
		<u>232,116,500</u>

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DM's (East) per item	DM's (East) total
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Canal with Turning Basin and Depots (additional ferries)

16. The complete cost breakdown for this project was as follows:

According to special cost estimate		168,000,000
For ferry harbor	4,500,000	4,500,000
2 railroad ferries	600,000	1,200,000
2 car ferries	250,000	500,000
Security installations		300,000
		<u>174,500,000</u>

Harbor for Fishing Craft and Small Vessels

17. The complete cost breakdown for this project was as follows:

20,000 cubic meters of dredging	23	460,000
15,000 square meters of road construction	103	1,545,000
3,000 meters track, standard gauge	280	840,000
60,000 cubic meters of ground filling	5.60	336,000
10,000 square meters of ground finishing	2	20,000
60,000 cubic meters of space for quarters, schools, workshops	2.20	13,200,000
1,500 meters embankment, partly heavy	6,000	9,000,000
1,200 meters wooden jetties	1,200	1,440,000
2,300 meters quay space for berths	14,000	32,200,000
5,000 square meters of quay with heavy pavement and tracks for cranes and railroad	165	825,000
Equipment for workshops		
Cranes and lifting devices	1,200,000	1,200,000
Equipment for quarters, schools, workshops		13,200,000
Furniture for administration and recreational buildings		1,500,000
Power supply for the entire object	800,000	800,000
Irrigation and drainage	200,000	200,000
Camouflage	100,000	100,000
Security measures, fences, signal installations, guard facilities	300,000	300,000
Fire protection	2,500,000	2,500,000
Sea markings, bollards, etc.	200,000	200,000
6,000 cubic meters space for administration and recreational buildings	2.50	1,500,000
		<u>81,366,000</u>

Installation for entire Yard Area

18. The complete cost breakdown of this project was as follows:

20,000,000 cubic meters dredging	23	460,000,000
20,000,000 cubic meters ground raising	5.60	112,000,000
3,000,000 square meters ground planning	2	6,000,000
40,000 square meters of road construction	125	5,000,000
Foundations and superstructures	2,000	18,000,000

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	DM's (East) per item	DM's (East) total
Transfer station		5,500,000
Main power supply lines		8,000,000
General security installations		5,000,000
400,000 square meters preparation of the ground at the construction site	4	1,600,000
Irrigation and drainage		3,000,000
Fire protection	4,000,000	4,000,000
		679,300,000 *

[* The sum total of above costs amounts to 628,100,000 DM's (East).]

Small Shipyard (south of the fishing harbor)

19. The complete cost breakdown for this shipyard was as follows:

25,000 square meters of road construction within the yard area	103	2,575,000
9,000 meters track, standard gauge	300	2,700,000
6 buildingways	3,500,000	21,000,000
4 slips, 2000 ton capacity each	2,500,000	10,000,000
6 cranes	850,000	5,100,000
1 shipbuilding hall 75 x 20 meters, with workshops	10,000,000	10,000,000
4 workshop cranes	200,000	800,000
6 warehouses for equipment and material	2,000,000	12,000,000
1,400 meter quay	10,000	14,000,000
50,000 cubic meters of built-up space for quarters for 2500 men	220	11,000,000
12,000 cubic meters of built-up space for recreational buildings	250	3,000,000
5,000 cubic meters of space for administration buildings	250	1,250,000
Equipment of the ship building hall and wings	4,000,000	4,000,000
Furniture for the quarters		11,000,000
Furniture for the administration buildings		1,250,000
Furniture for the recreational buildings		3,000,000
Equipment of the construction sites	800,000	800,000
Equipment of the quays	1,800,000	1,800,000
Irrigation and drainage	100,000	100,000
Security measures, signal installations, guard facilities, fences	180,000	180,000
Fire protection	2,000,000	2,000,000
Power and water supply		1,200,000
		118,755,000

New Construction Yard

20. The complete cost breakdown of this project was as follows:

36,000 square meters of road construction	125	4,500,000
5,000 meters standard railroad track with foundations and superstructure	650	3,250,000

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	DM's (East) per item	DM's (East) total
25,000 square meters of light concrete roads	103	2,575,000
500,000 square meters of ground reinforcement	85	42,500,000
500,000 square meters of planing of filled-in area	2	1,000,000
2,000 meters heavy quay wall as berth for equipment	20,000	40,000,000
3 large building docks, 60/360 meters, 10 meters deep	75,000,000	225,000,000
2 small building docks 30/240 meters	50,000,000	100,000,000
2 large ship building halls with wings	12,000,000	24,000,000
6 buildingways	4,000,000	24,000,000
1 large carpenter shop with pattern shop	2,000,000	2,000,000
1 large smithy with dressing shop	3,000,000	3,000,000
1 boiler shop	1,500,000	1,500,000
1 casting shop and foundry	1,500,000	1,500,000
1 engine shop	2,500,000	2,500,000
1 workshop for auxiliary engines	2,000,000	2,000,000
1 engine assembly shop	1,000,000	1,000,000
2 pre-assembly shops	2,000,000	4,000,000
2 plate stores	2,000,000	4,000,000
2 timber stores	1,000,000	2,000,000
2 saw sheds	300,000	600,000
4 warehouses with loading ramps		
60,000 cubic meters of built-up space each	5,500,000	22,000,000
6 buildingway cranes	850,000	5,100,000
8 workshop cranes	200,000	1,600,000
10 workshop cranes	150,000	1,500,000
4 cranes to be used in open-air storage	300,000	1,200,000
6 dock cranes for large docks	500,000	3,000,000
4 dock cranes, small docks	300,000	1,200,000
40,000 cubic meters of built-up space for quarters and sheds for 5000 men of one day shift	220	8,800,000
20,000 cubic meters of space for administration buildings for 1000 men	250	5,000,000
80,000 cubic meters of space for recreational buildings, schools, etc.	250	20,000,000
300,000 cubic meters of built-up space = 10 equipment halls, 30,000 cu.m. each	90	27,000,000
3 sets of equipment for large docks, without cranes	2,000,000	6,000,000
2 sets of equipment for small docks, without cranes	1,200,000	2,400,000
2 sets of equipment and installations for ship building shops, without cranes	7,000,000	14,000,000
6 sets of equipment for the buildingways, without cranes	100,000	600,000
1 set of equipment and installations for the smithy, without cranes	5,000,000	5,000,000

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	DM's (East) per item	DM's (East) total
1 set of equipment and installations for the carpenter shop, without crane	3,000,000	3,000,000
1 set of equipment and installations for boiler shop, without crane	2,500,000	2,500,000
1 set of equipment and installations for casting shop and foundry, without crane	2,500,000	2,500,000
1 set of equipment and installations for the engine shop, without crane	2,500,000	2,500,000
1 set of equipment and installations for the auxiliary engine shop, without crane	2,000,000	2,000,000
1 set of equipment and installations for the engine assembly shop, without crane	1,000,000	1,000,000
2 sets of equipment for the pre-assembly shops	500,000	1,000,000
2 sets of equipment for the plate stores	1,500,000	3,000,000
2 sets of equipment for the timber stores	300,000	600,000
2 sets of equipment and installations for the frame saw sheds	1,000,000	2,000,000
4 sets of equipment and installations for the warehouses	3,500,000	14,000,000
Furniture for the quarters		8,800,000
Furniture for the administration buildings		5,500,000
Furniture for the recreational buildings and schools		20,000,000
10 sets of equipment and installations for the appliance shops, without cranes		20,000,000
Power supply for the entire object	15,000,000	15,000,000
Water supply	3,000,000	3,000,000
Irrigation and drainage	3,000,000	3,000,000
Security measures, fences, signal installations, guard facilities	4,500,000	4,500,000
Fire protection	3,000,000	3,000,000
		<u>731,725,000</u>

Repair Yard

21. The complete cost breakdown for the repair yard was as follows:

50,000 square meters of roads	125	6,250,000
40,000 square meters of light concrete roads	103	4,120,000
16,000 meters of standard gauge tracks including superstructures	650	10,400,000
500,000 square meters of ground reinforcing	85	42,500,000
500,000 square meters of planing of the filled-in area	2	1,000,000
4,000 meters heavy quay	25,000	100,000,000

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50X1

	DM's (East) per item	DM's (East) total
2 large repair docks, 12 meters water depth	120,000,000	240,000,000
3 small repair docks	75,000,000	225,000,000
1 quartermaster stores building	6,000,000	6,000,000
2 large work shops	6,000,000	12,000,000
1 smithy and dressing shop	3,000,000	3,000,000
1 carpenter's shop	2,500,000	2,500,000
2 plate stores	2,000,000	2,000,000
2 timber stores with saw sheds	1,500,000	3,000,000
4 warehouses with loading ramps	5,500,000	22,000,000
1 floating dock, 30,000 tons	55,000,000	55,000,000
1 floating dock, 20,000 tons	38,000,000	38,000,000
1 floating dock, 10,000 tons	29,000,000	29,000,000
700 meters mole	35,000	24,500,000
2,000 meters heavy quay walls for the armament equipment quay	18,000	36,000,000
2 equipment shops, 30,000 cubic meters of space each	300,000	6,000,000
40,000 cubic meters of space for quarters for 500 men of one day shift	220	8,800,000
20,000 cubic meters of space for administration buildings for 1000 men	250	5,000,000
80,000 cubic meters of space for recreational buildings	250	20,000,000
2 mole cranes	280,000	560,000
4 dock cranes, for large repair docks	500,000	2,000,000
6 dock cranes, for small repair docks	300,000	1,800,000
6 dock cranes for floating docks	150,000	900,000
8 shop cranes	200,000	1,600,000
10 shop cranes	150,000	1,500,000
4 cranes for open air storage	300,000	1,200,000
2 cranes for ammunition quay	500,000	1,000,000
2 sets of equipment for repair dock, without crane	2,000,000	4,000,000
3 sets of equipment for repair dock, without crane	1,200,000	3,600,000
2 sets of equipment and installations for work shops	6,000,000	12,000,000
Equipment and installations for quartermaster stores	6,000,000	6,000,000
Equipment and installations for the smithy and dressing shop	5,000,000	5,000,000
Equipment and installations for the carpenter shops	3,500,000	3,500,000
2 installations for the plate storage	1,500,000	3,000,000
2 installations for the timber storage and equipment for the saw sheds	1,000,000	2,000,000
4 installations and equipment for tool storage	3,500,000	14,000,000
3 installations of the floating docks without crane	800,000	2,400,000
Furniture for the quarters		8,800,000

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50X1

	DM's (East) per item	DM's (East) total
Furniture for the administration buildings		5,000,000
Furniture for the recreational buildings		20,000,000
2 sets of equipment and installations for the appliance shops, without cranes	3,000,000	6,000,000
Power supply for the entire object	15,000,000	15,000,000
Water supply	3,000,000	3,000,000
Irrigation and drainage		3,000,000
Security measures, fences, guard facilities	4,500,000	4,500,000
Fire protection	3,000,000	3,000,000
		<u>1,038,430,000</u>

Berths south of the Shipyard

22. The complete cost breakdown for this project was as follows:

200 meters track	650	1,300,000
1,500 square meters of road	125	1,875,000
200 meters heavy quay wall	12,000	2,400,000
400 meters mole	35,000	14,000,000
1,600 meters jetties of the destroyer berths	1,400	2,240,000
Shore installations to billet 3,000 men		
60,000 cubic meters of built-up space for quarters	220	13,200,000
10,000 cubic meters of built-up space for administration buildings	250	2,500,000
250,000 cubic meters of space for armament supply and storage buildings (artillery, torpedo, mines)	200	50,000,000
Cranes, lifting devices, loading facilities	3,000,000	3,000,000
Equipment for the warehouses		5,000,000
Installations for the warehouses		15,000,000
Furniture for the quarters		10,000,000
Furniture for the administration offices		3,000,000
Power supply for the entire object		15,000,000
Water supply		3,000,000
Irrigation and drainage	2,000,000	2,000,000
Security and fire protection		6,000,000
		<u>149,515,000</u>

Commercial Harbor, 6000 Men

23. The complete cost breakdown for this project was as follows:

12,000 meters tracks with foundations and superstructures	650	7,800,000
1 transfer station		10,000,000
40,000 square meters of heavy road	125	5,000,000
50,000 square meters of light concrete roads	103	5,150,000

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50X1

	DM's (East) per item	DM's (East) total
8,500 meters quay wall	25,000	212,500,000
1,000 meters shore embankment	18,000	18,000,000
500 meters mole	35,000	17,500,000
500 meters wooden jetties	1,400	7,000,000
1,000,000 cubic meters of suction dredging	23	23,000,000
3,200,000 cubic meters of filling or flushing	13	41,600,000
250,000 cubic meters of space for harbor service buildings	300	75,000,000
50,000 cubic meters of space for harbor administration	250	12,500,000
Area installations		20,000,000
4 cranes for mole and quay	265,000	1,060,000
Equipment for jetties		1,250,000
8 port cranes	100,000	800,000
Planing		1,000,000
Equipment and furniture for the port buildings		75,000,000
Furniture for administration		12,500,000
Power supply		15,000,000
Water supply		3,000,000
Drainage		2,000,000
Security installations		4,000,000
Fire protection		2,000,000
400,000 cubic meters of breakwater as a simple rubble bed, 23 meters long	172	68,800,000
90,000 cubic meters of built-up space for barracks for 6000 men	220	19,800,000
40,000 cubic meters of built-up space for recreational buildings	250	10,000,000
30,000 cubic meters of built-up space for schools for 2000 men	250	7,500,000
4,000,000 square meters of preparatory construction work for barracks area	2.50	10,000,000
1,500,000 square meters of preparatory construction work for school area	2.50	3,750,000
Residential area for 500 families between Patzig and Ralswiek, including facilities	27,000	13,500,000
Power supply for barracks, schools, residential area		20,000,000
Water supply for the above area and objects		10,000,000
Irrigation and drainage		7,000,000
Security installations		10,000,000
Fire protection		6,000,000
50,000 square meters of roads for barracks and school area	103	5,150,000
Parks		30,000,000
		<u>794,160,000</u>

Roadstead

24. The complete cost breakdown of the roadstead was as follows:

Lights, sea markings, bollards, etc.		4,000,000
12,000,000 cubic meters of suction dredging, 8 meters depth with flushing	23	276,000,000
		<u>280,000,000</u>

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50X1

	DM's (East) per item	DM's (East) total
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Southern Canal, Six Meters Deep, with Bridges and Moles

25. The complete cost breakdown of this project was as follows:

1,000,000 cubic meters of dredging	23	23,000,000
1,250,000 cubic meters of excavating	8	10,000,000
3,300,000 cubic meters of filling-in	5.60	18,480,000
1 road bridge near Lietzow		
1 railroad bridge near Lietzow		20,000,000
1 road bridge on the Progra		
1 railroad bridge on the Progra		20,000,000
1,000 meters mole at Prorer Wiek	35,000	35,000,000
600 meters jetties in the Prorer Wiek	1,200	720,000
Sea markings and lights		500,000
2 bridge security installations	100,000	200,000
Signal installations		100,000
		<u>128,000,000</u>

Town for 150,000 Inhabitants

26. The complete cost breakdown for this project was as follows:

Cost per inhabitant approximately	8,500	1,275,000,000
Trade school for 2,000 men to include school, dormitories, recreational buildings, cost per man	6,500	13,000,000
		<u>1,288,000,000</u>

Military Hospital, Clinic

27. The complete cost breakdown for this project was as follows:

2,500 beds for general and special wards, such as: internal medicine, maternity ward, dental clinic, etc., cost per bed	5,000	12,500,000
Outdoor installations		3,000,000
Installation of operating theater		10,000,000
X-ray equipment		2,000,000
Recreational buildings		3,000,000
Furniture for the recreational buildings		3,000,000
Power and water supply		2,500,000
Security installations		1,500,000
Fire protection		500,000
Irrigation and drainage		2,000,000
		<u>40,000,000</u>

Bridge between the Brickworks at NeuhoF and the Prosnitzer Schanze

28. The complete cost breakdown for this bridge was as follows:

Bridge with ramps for a double-tracked railroad line and a road over the isthmus near Prosnitzer Schanze south of the Prosnitz Peninsula		42,000,000
Security installations for the construction		3,000,000
		<u>45,000,000</u>

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50X1

	<u>DM's (East)</u> <u>per item</u>	<u>DM's (East)</u> <u>total</u>
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Construction of a Ferry between Stahlborode and the Glewitz Fashre

29. The complete cost breakdown for this ferry was as follows:

2	ferry harbors	5,000,000	10,000,000
2	railroad ferries	6,000,000	12,000,000
2	small passenger ferries	1,000,000	2,000,000
	Security instalbtions		3,000,000
			<u>27,000,000</u>

General Connections, Supply, Opening-Up of Facilities

30. The complete cost breakdown for this project was as follows:

	Long distance water supply		75,000,000
55	kilometers railroad connection Stralsund-		
	Sagard, double-tracked	1,000,000	55,000,000
200	kilometers railroad construction		
	within the construction area	1,000,000	200,000,000
100	kilometers roads to the construction		
	project	100,000	10,000,000
150	kilometers roads in the approach		
	area to the construction site	100,000	15,000,000
	Electric power connection, construc-		
	tion of power plant, drainage		100,000,000
			<u>455,000,000</u>

50X1-HUM

[redacted] comments: [redacted] the truth of the 50X1-HUM
information cannot be judged because in several sections, for example,
the section dealing with the seaplane base bug, and
installations for the entire yard area, the sum total of the breakdown 50X1-HUM
expenditures do not check. [redacted]

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